

Title (en)
A METHOD FOR PRODUCING CEMENT

Title (de)
VERFAHREN ZUR HERSTELLUNG VON ZEMENT

Title (fr)
PROCÉDÉ POUR LA PRODUCTION DE CIMENT

Publication
EP 2991945 B1 20180822 (EN)

Application
EP 14729709 A 20140430

Priority
• GB 201307828 A 20130430
• GB 2014051331 W 20140430

Abstract (en)
[origin: WO2014177858A1] A method for producing calcium sulfoaluminate cement comprises the steps of providing thermal energy by combustion of sulphur and/or a sulphur-containing compound, reacting sulphur oxides produced by combustion of the sulphur and/or sulphur-containing compound with a mixture of calcium oxide and/or carbonate, and alumina and/or its hydrates to form a sulphur-containing mixture, heating the sulphur-containing mixture using the thermal energy to produce a clinker, and reacting remaining sulphur oxides produced by combustion of the sulphur and/or sulphur-containing compound with lime. The sulphur and/or sulphur-containing compound preferably comprises elemental sulphur, sour crude, sour gas or calcium sulfate.

IPC 8 full level
C04B 7/32 (2006.01)

CPC (source: EP US)
C04B 7/323 (2013.01 - EP US); **Y02P 40/10** (2015.11 - EP US)

Citation (examination)
WO 2010066811 A1 20100617 - COMMISSARIAT ENERGIE ATOMIQUE [FR], et al

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2014177858 A1 20141106; WO 2014177858 A8 20150108; CN 105517971 A 20160420; EP 2991945 A1 20160309; EP 2991945 B1 20180822; GB 201307828 D0 20130612; US 2016102016 A1 20160414

DOCDB simple family (application)
GB 2014051331 W 20140430; CN 201480032903 A 20140430; EP 14729709 A 20140430; GB 201307828 A 20130430; US 201414888183 A 20140430